| In | de | X ( | of | CI | air | ns |
|----|----|-----|----|----|-----|----|
|    |    |     |    |    |     |    |

Application No.

Applicant(s)

09/435,996

WATANABE, MITSUHIRO

Examiner

Art Unit

Doug Hutton

ı

2179

| =        | Allowed  |
|----------|----------|
| <b>√</b> | Rejected |

(Through numeral) Cancelled

Restricted

Non-Elected N

Interference

Appeal Α 0 Objected

| Cla   | im                   | Date        |   |          |              |  |          |             |              |          |  |
|-------|----------------------|-------------|---|----------|--------------|--|----------|-------------|--------------|----------|--|
| Final | Original             | 40%         |   |          |              |  |          |             |              |          |  |
| 正     | Onie                 | 8/%         | _ |          |              |  |          |             |              |          |  |
|       | 1 2 3                | _           |   |          |              |  |          | <u> </u>    | _            |          |  |
|       | 2                    |             |   |          |              |  |          | -           |              |          |  |
|       | 3                    |             |   |          |              |  |          |             |              |          |  |
|       | 4                    | 0           |   | <u> </u> |              |  |          |             | _            |          |  |
|       | 5<br>6               |             |   |          |              |  | _        | _           |              |          |  |
|       |                      | Н           |   |          |              |  |          |             |              |          |  |
|       | 7<br>8               | Н           |   | -        |              |  |          |             |              |          |  |
|       | 9                    | Н           |   | -        | -            |  |          |             |              | H        |  |
|       | 10                   | -1-         |   | -        |              |  |          |             |              | $\vdash$ |  |
|       | 11                   | ╂           |   |          |              |  | _        | -           | -            | $\vdash$ |  |
|       | 12                   | Н           | _ |          |              |  |          |             | -            | -        |  |
|       | 13                   | +           | _ |          | -            | <del> </del>                                     | $\vdash$ |             |              | $\vdash$ |  |
|       | 1/                   | +           |   | <u> </u> |              | <del> </del>                                     | -        | -           | -            | Н        |  |
|       | 13<br>14<br>15       | +           |   |          |              | <del>                                     </del> | <u> </u> |             | <del> </del> | $\vdash$ |  |
|       | 16                   | +           |   |          | H            |  |          | $\vdash$    | -            |          |  |
|       | 16<br>17<br>18<br>19 | +           |   |          | $\vdash$     | $\vdash$   |          | <u> </u>    | ├─           |          |  |
|       | 18                   | ${\sf H}$   |   |          | $\vdash$     |  |          |             |              |          |  |
|       | 10                   | ╁           |   |          | -            | $\vdash$   |          |             |              |          |  |
|       | 20                   | ╁           |   |          | _            | $\vdash$   |          | _           |              |          |  |
|       | 21                   | H           |   | -        | -            |  |          | <del></del> | $\vdash$     |          |  |
|       | 21<br>22             |             | _ | _        |              | -  |          |             |              |          |  |
|       | 23                   | 0<br>1<br>1 |   |          |              |  | _        | _           | $\vdash$     |          |  |
|       | 24                   | ./          |   |          |              | <u> </u>   |          |             |              |          |  |
|       | 25                   | 7           | _ | _        |              | <del> </del>                                     |          |             |              |          |  |
|       | 26                   | Ž           |   |          |              |  |          |             |              |          |  |
|       | 27                   | Ď           |   |          |              |  |          |             |              |          |  |
|       | 28                   | 1           |   | _        | <del> </del> |  |          |             |              |          |  |
|       | 29                   | Ħ           |   |          | _            |  |          |             |              |          |  |
|       | 30                   | $\dagger$   |   |          | ┢─           | $\vdash$   |          |             | _            | Н        |  |
|       | 31                   | T           |   |          |              |  |          |             |              |          |  |
|       | 32                   | Ħ           |   |          |              | $\vdash$   |          |             |              | П        |  |
|       | 32<br>33             | П           |   |          |              |  |          | <u> </u>    | T            | П        |  |
|       | 34                   |             |   |          |              |  |          |             |              |          |  |
|       | 35                   |             |   |          |              |  |          |             |              |          |  |
|       | 36                   |             |   |          |              |  |          |             |              |          |  |
|       | 37                   |             |   |          |              |  |          |             |              |          |  |
|       | 38                   |             |   | L        |              |  |          |             | L            |          |  |
|       | 39                   |             |   |          |              |  |          |             | L            |          |  |
|       | 40                   | $\prod$     |   |          |              |  |          |             |              |          |  |
|       | 41                   | $\coprod$   |   |          |              |  |          |             |              |          |  |
|       | 42                   | $\prod$     |   |          |              |  |          |             |              |          |  |
|       | 43                   | Ш           |   |          |              |  |          |             |              |          |  |
|       | 44                   | Ц           |   |          | <u> </u>     |  |          |             |              |          |  |
|       | 45                   | O           |   |          |              |  |          |             |              |          |  |
|       | 46                   | L           |   |          |              |  |          |             | L            |          |  |
|       | 47                   |             |   | <u> </u> | <u> </u>     | <u> </u>   |          |             | <u> </u>     |          |  |
|       | 48                   |             |   | L        | _            |  |          |             | <u> </u>     | Ш        |  |
|       | 49                   |             |   |          |              |  | L        |             |              |          |  |
|       | 50                   |             |   |          |              |  | L        | -           |              |          |  |

| Cla      | aim      | Date |  |          |          |          |    |  |              |          |
|----------|----------|------|--|----------|----------|----------|----|--|--------------|----------|
| Final    | Original |      |  |          |          |          |    |  |              |          |
| i        |          |      |  |          |          |          |    |  |              |          |
| -        | 51       |      | L  | ļ        |          |          |    |  |              |          |
|          | 52       |      |  |          |          |          | _  |  |              |          |
|          | 53       |      |  |          |          |          | L  |  |              |          |
|          | 54       |      |  | _        |          |          |    |  |              |          |
| <u> </u> | 55       |      |  | L_       |          |          |    |  |              |          |
| ļ        | 56       |      |  |          |          |          |    |  |              |          |
|          | 57       |      |  | <u> </u> |          |          |    |  |              |          |
| <u> </u> | 58       |      |  |          |          |          |    |  |              |          |
| -        | 59       |      |  | <u> </u> | <u> </u> |          |    |  |              |          |
|          | 60       |      |  |          |          |          |    |  |              |          |
| -        | 61       |      |  | ļ        |          |          |    |  |              |          |
| -        | 62<br>63 | _    | -  |          |          | _        |    |  | <u> </u>     | _        |
|          | 64       |      |  |          |          |          |    |  | <u> </u>     | _        |
|          | 65       |      |  |          |          |          |    | _  | <del> </del> | -        |
|          | 66       |      | -  |          |          |          |    |  |              |          |
| <b>—</b> | 67       |      |  | -        |          |          |    |  |              |          |
|          | 68       |      |  |          | _        |          |    |  |              |          |
|          | 69       |      |  |          |          |          |    |  |              | -        |
|          | 70       |      |  |          |          |          |    |  |              |          |
|          | 71       |      |  |          |          |          |    |  |              |          |
|          | 72       |      |  |          |          |          |    |  |              |          |
|          | 73       |      | _  |          |          |          |    |  |              |          |
| <u> </u> | 74       |      | <u> </u>   |          |          |          |    | _  |              |          |
| -        | 75       |      |  |          |          |          |    | _  |              |          |
|          | 76<br>77 |      |  |          |          | _        |    | _  | _            |          |
| -        | 78       |      |  |          | H        | _        | -  |  | -            |          |
|          | 79       |      | <u> </u>   | -        | $\vdash$ | $\vdash$ | -  | $\vdash$   | $\vdash$     |          |
|          | 80       |      | <del>                                     </del> | -        | -        | -        | -  |  |              |          |
|          | 81       |      | -  |          |          |          |    | -  |              |          |
|          | 82       |      |  |          |          |          |    |  |              |          |
|          | 83       |      |  |          |          |          |    |  |              |          |
|          | 84       |      |  |          |          |          |    |  |              |          |
|          | 85       | L    |  |          |          |          |    |  | <u> </u>     |          |
| <u></u>  | 86       |      | L  | _        |          |          |    |  |              |          |
|          | 87       |      |  |          |          | _        | L_ | ļ  | ļ            |          |
|          | 88       | ļ    | <u> </u>   | <u> </u> | <u> </u> | <u> </u> |    | ļ  |              |          |
|          | 89<br>90 |      | _  | ļ        |          | _        | _  | _  | <u> </u>     |          |
| -        | 91       |      | -  |          |          |          |    | $\vdash$   | ⊢            |          |
|          | 92       |      |  |          | _        |          |    | _  |              |          |
| -        | 93       |      |  |          | $\vdash$ | -        |    |  | $\vdash$     |          |
|          | 94       |      |  | Т        |          |          |    | <del>                                     </del> | $\vdash$     |          |
|          | 95       | l    | <u> </u>   | $\vdash$ |          |          |    | <u> </u>   |              |          |
|          | 96       |      |  |          |          |          |    |  |              |          |
|          | 97       |      |  |          |          |          |    |  |              |          |
|          | 98       |      |  |          |          |          |    |  |              |          |
|          | 99       |      |  | <u></u>  |          | Ш        |    |  |              | <u> </u> |
|          | 100      | Ĺ    | <u> </u>   |          |          |          |    |  |              |          |

| Claim             |          |           |   |   | Date | 9        |            |              |              |
|-------------------|----------|-----------|---|---|------|----------|------------|--------------|--------------|
| Final             |          |           |   |   |      |          |            |              |              |
| 101               |          | $\dashv$  |   |   |      |          |            |              |              |
| 102               |          |           |   |   |      |          |            |              |              |
| 103               |          |           |   |   |      |          |            |              |              |
| 104               |          | _         |   |   |      |          |            |              |              |
| 105               |          | 4         |   |   |      |          |            | _            | _            |
| 106<br>107        | ┢        |           |   |   |      |          | _          |              |              |
| 108               | -        | $\dashv$  |   |   |      |          |            |              | _            |
| 109               | $\vdash$ | $\dashv$  |   |   |      | _        |            |              |              |
| 110               | $\Box$   | $\exists$ |   |   |      |          |            |              |              |
| 111               |          |           |   |   |      |          |            |              |              |
| 112<br>113        |          |           |   |   |      |          |            |              |              |
| 113               | $\sqcup$ |           |   |   |      |          |            |              | <u> </u>     |
| 114               | $\vdash$ |           |   |   |      |          |            |              | ļ            |
| 115<br>116        | $\vdash$ | -         |   |   |      | _        |            | _            | <u> </u>     |
| 117               | $\vdash$ |           |   |   |      |          |            |              | -            |
| 118               | $\vdash$ | $\dashv$  | _ |   | _    |          |            |              | $\vdash$     |
| 119               | $\vdash$ | $\dashv$  |   |   |      |          |            | -            | <del> </del> |
| 120               |          |           |   |   |      |          |            |              |              |
| 120<br>121<br>122 |          |           |   |   |      |          |            |              |              |
| 122               |          |           |   |   |      |          |            |              |              |
| 123<br>124        | $\sqcup$ |           |   |   |      |          |            | _            |              |
| 124               | <b>├</b> |           |   |   |      | ļ        |            |              | <u> </u>     |
| 125               | $\vdash$ |           |   |   |      |          |            |              | ļ            |
| 126<br>127        | $\vdash$ | $\dashv$  | _ |   |      |          | _          | <del> </del> | <del> </del> |
| 128               |          | $\exists$ |   |   |      |          |            | <del> </del> | $\vdash$     |
| 128<br>129        |          |           |   |   |      |          |            |              | $\vdash$     |
| 130               |          |           |   |   |      |          |            |              |              |
| 131<br>132        |          |           |   |   |      |          |            | <u> </u>     |              |
| 132               | $\sqcup$ |           |   |   |      | _        |            |              | _            |
| 133<br>134        | $\vdash$ |           |   |   | _    |          |            | ļ            | <u> </u>     |
| 134               | $\vdash$ | -         |   |   | _    | <u> </u> |            |              | _            |
| 136               | $\vdash$ | $\dashv$  |   |   |      |          |            | $\vdash$     |              |
| 137               | t        | $\dashv$  |   |   |      | -        |            | -            | $\vdash$     |
| 138               | $\Box$   |           |   |   | _    |          |            |              |              |
| 139               |          |           |   |   |      |          |            |              |              |
| 140               |          |           |   |   |      |          |            |              |              |
| 141               | <u> </u> |           |   |   |      |          | <u>_</u> . | <u> </u>     |              |
| 142               |          | _         |   |   |      | _        | _          | <u> </u>     | <u> </u>     |
| 143<br>144        |          | -         |   |   | ļ    | -        | <u> </u>   | -            | <u> </u>     |
| 144               | +        | $\dashv$  |   |   | H    | $\vdash$ | <u> </u>   |              | -            |
| 146               | +        | $\dashv$  |   |   |      | -        | _          | ┝            | -            |
| 147               | $\vdash$ | $\dashv$  |   | _ |      |          | -          |              | $\vdash$     |
| 148               | $\sqcap$ | ヿ         |   |   |      | П        | Т          |              | <u></u>      |
|                   |          |           |   |   |      |          |            |              |              |
| 149<br>150        |          |           |   |   |      |          |            |              |              |